

2014 FWS GeoSpatial Training Workshop – CSP7304 Metadata Templates

June 19, 2014

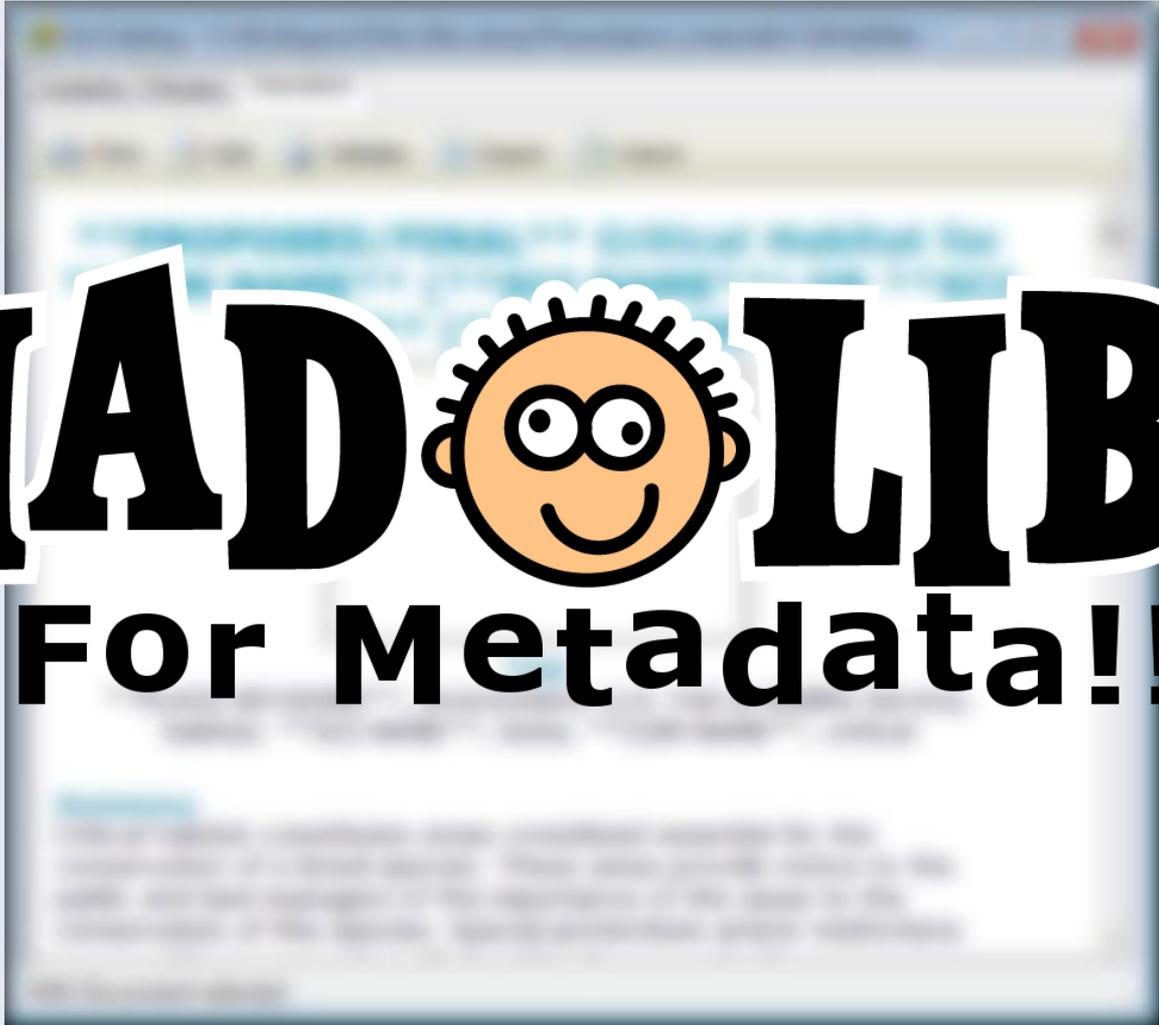


Offered by:

**U.S. FISH AND WILDLIFE SERVICE
National Conservation Training Center**

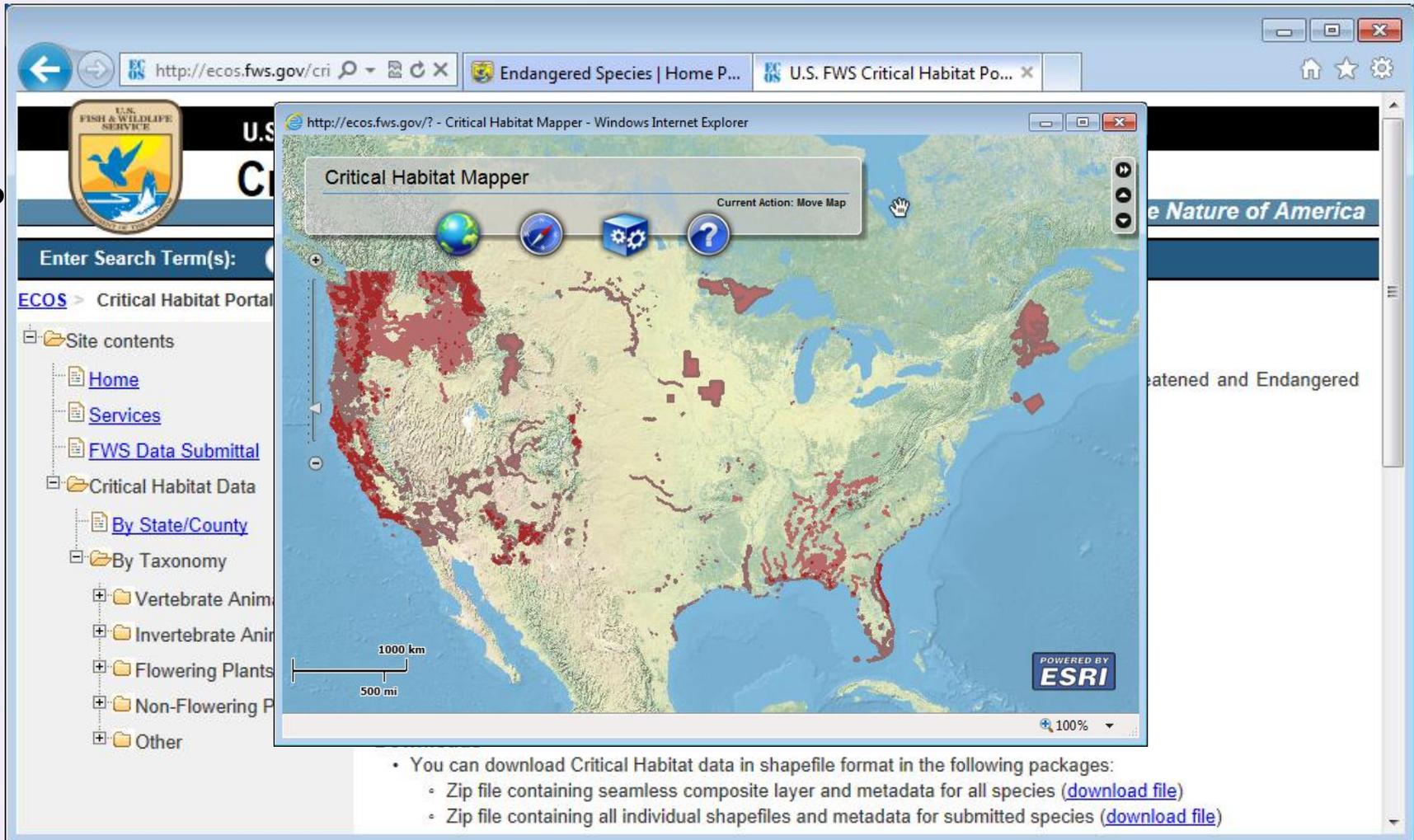
This product is for educational purposes only. Some of the materials and images contained within may have been licensed to us by a third party and are restricted in their use. If in doubt, please contact your course leader for further information. Mention of any product names, companies, Web links, textbooks, or other references does not imply Federal endorsement.

What are Metadata Templates?



MAD LIBS™
For Metadata!!

FWS Critical Habitat data overview



The screenshot displays the FWS Critical Habitat Mapper web application. The browser window shows the URL <http://ecos.fws.gov/cri>. The application interface includes a search bar with the text "Enter Search Term(s):", a navigation menu with "ECOS > Critical Habitat Portal", and a sidebar with "Site contents" including links for Home, Services, FWS Data Submittal, Critical Habitat Data (By State/County, By Taxonomy), and other categories. The main map area shows a map of the United States with critical habitat areas highlighted in red. A "Critical Habitat Mapper" toolbar is overlaid on the map, featuring icons for globe, compass, settings, and help, with the text "Current Action: Move Map". A scale bar indicates 1000 km and 500 mi. The map is powered by ESRI. The browser window also shows tabs for "Endangered Species | Home P..." and "U.S. FWS Critical Habitat Po...".

- You can download Critical Habitat data in shapefile format in the following packages:
 - Zip file containing seamless composite layer and metadata for all species ([download file](#))
 - Zip file containing all individual shapefiles and metadata for submitted species ([download file](#))

FWS Critical Habitat data overview

CRITICAL HABITAT SPATIAL DATA STANDARDS

IMPLEMENTATION AND METADATA INSTRUCTIONS

(Last updated January 14, 2014)

United States Department of the Interior
Fish & Wildlife Service

U.S.
FISH & WILDLIFE
SERVICE

c) Attribute Names (Standard 7):

- Single Species Critical Habitat:

The attributes listed in the table below are required in your shapefile:

Attribute Name	Type	Value Required for single species	Value Required for multiple species
SINGLMULTI	Text(10)	Yes	Yes
COMNAME	Text(200)	Yes	No
<i>Note: Enter "No common name" in the field.</i>			
SCINAME	Text(200)	Yes	No
SPCODE	Text (4)	Yes	No
<i>Note: Available from ECOS at http://www.ecos.fws.gov/</i>			
VIPCODE	Text (3)	Yes	No
<i>Note: Available from ECOS at http://www.ecos.fws.gov/</i>			
UNIT	Text (20)	No	No
SUBUNIT	Text (20)	No	No

Attribute Name	Type	Value Required for single species	Value Required for multiple species	Valid Values	Description
UNITNAME	Text (50)	No	No	Open text	Critical Habitat unit name
SUBUNITNAM	Text (50)	No	No	Open text	Critical Habitat subunit name
STATUS	Text (10)	Yes	Yes	Domain Values	Critical Habitat Status
				FINAL	Final Critical Habitat
				PROPOSED	Proposed Critical Habitat
				EXCLUDED	Excluded (4A3 or 4B2)
				VACATED	Vacated by Court Order
LEADOFFICE	Text (10)	Yes	Yes	Open text	Lead Office Cost Center
COOPOFFICE	Text (25)	No	Yes	Open text	Cooperating Office Cost Center
<i>Note: Enter "None" if there is no cooperating office. If there are more than one, use field COOPFORMORE</i>					
COOPFORMORE	Text (254)	Yes	Yes	Open text	Additional Cooperating Office Cost Center codes
<i>List each office, separated by a comma. Example: FF01EWF00,FF01EOPW00,FF01EIPW00</i>					
FEDREG	Text (10)	Yes	Yes	See below	Federal Register ID
<i>Use format: <Volume Number>FR<First Page Number>. Example: 50FR26235</i>					
PUBDATE	Text (8)	Yes	Yes	Use format: YYYYMMDD	Federal Register publication date
EFFECTDATE	Text (8)	Yes	Yes	Use format: YYYYMMDD	Effective date for Critical Habitat designation
VACATEDATE	Text (8)	No	Yes	Use format: YYYYMMDD	Date Critical Habitat designation vacated
ACCURACY	Text (50)	No	No	Domain Values	Accuracy Items or Concerns
				Temporal Adjustment	Data is dependent on temporal factors
				Seasonal Adjustment	Data is dependent on seasonal factors
				Tidal Adjustment	Data is dependent on tidal fluctuations

Why a template for CH metadata?

- Consistency

- Reduce the number of metadata elements

- Ensure compliance

**Any data
without compliant metadata
will not be accepted*
into ECOS!**

***No Exceptions
They mean it!****

Using the CH template exercise

A look at the XML file

Practical

Try to

**Any data
without compliant metadata
will not be accepted*
into ECOS!**

****conditional on current
metadata:beer exchange rate**